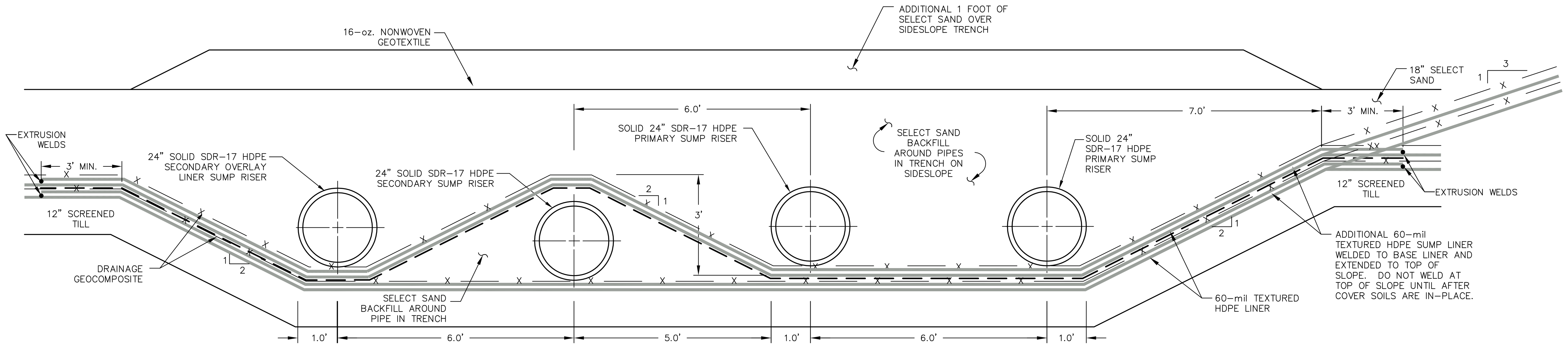
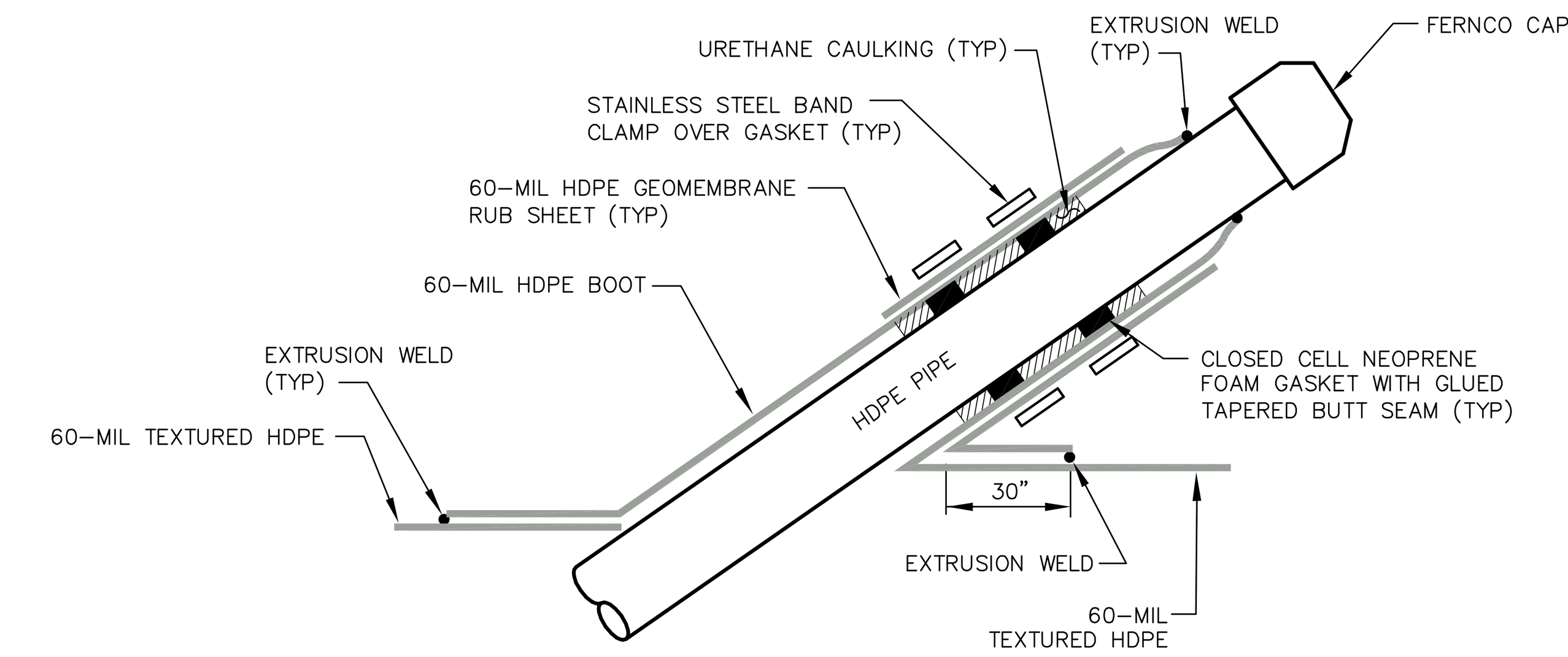


Sideslope Sump Riser Section - Stage IV Phase II

Not to Scale

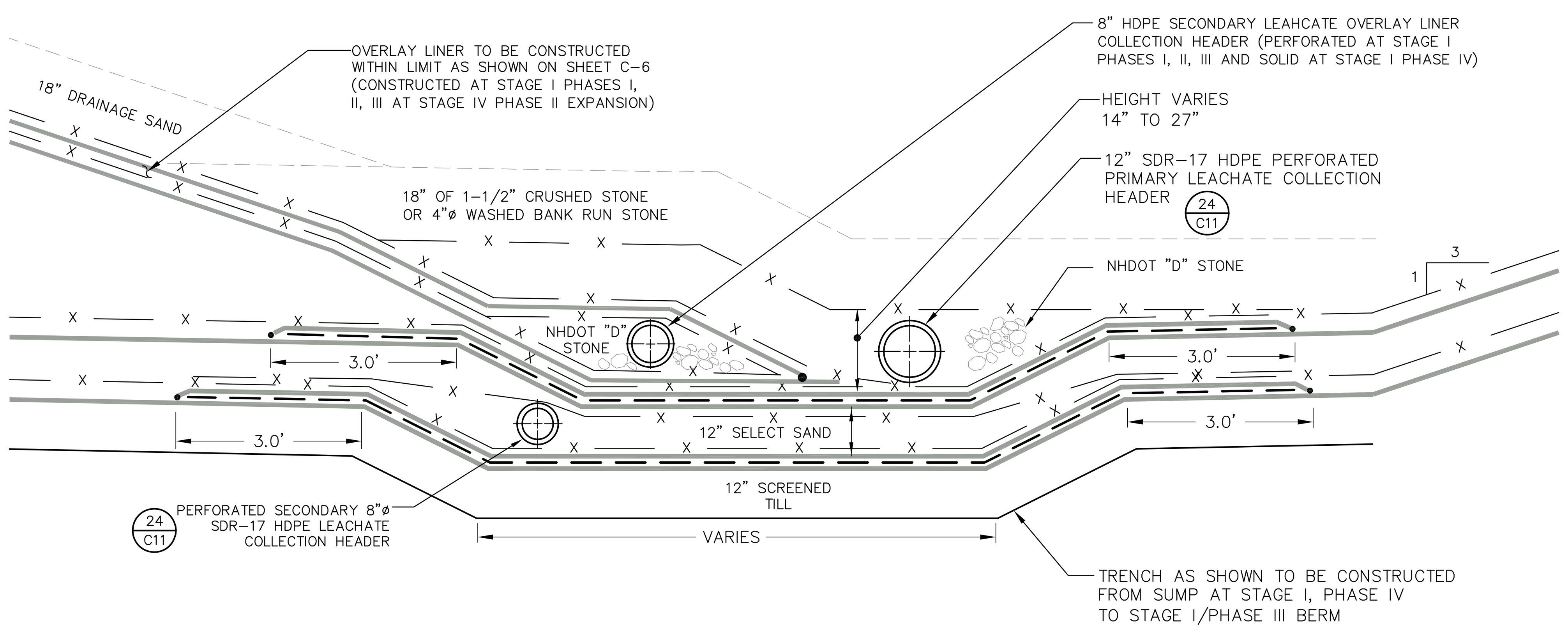
28



Typical Liner Boot Detail

Not to Scale

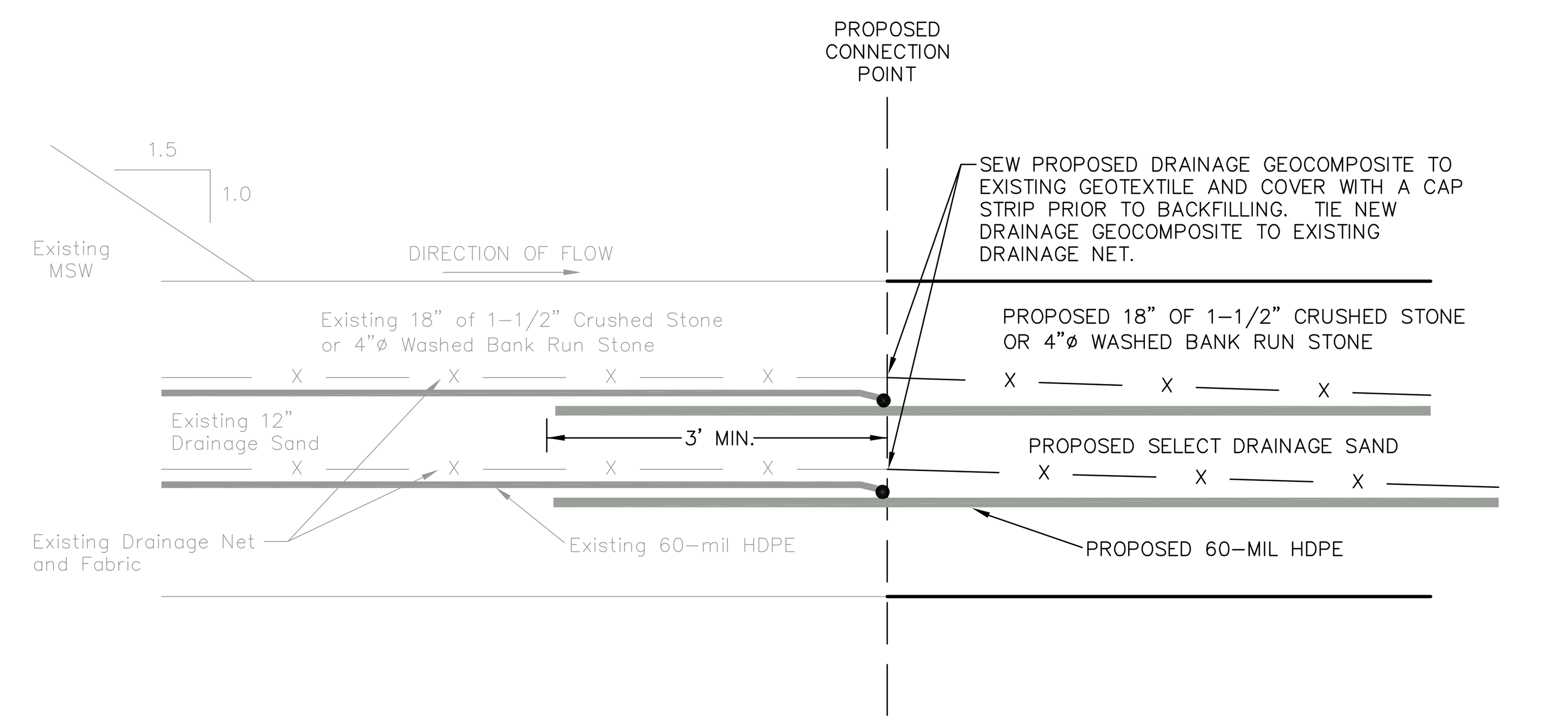
32A



Leachate Collection Headers - Overlay Liner Termination

Not to Scale

29



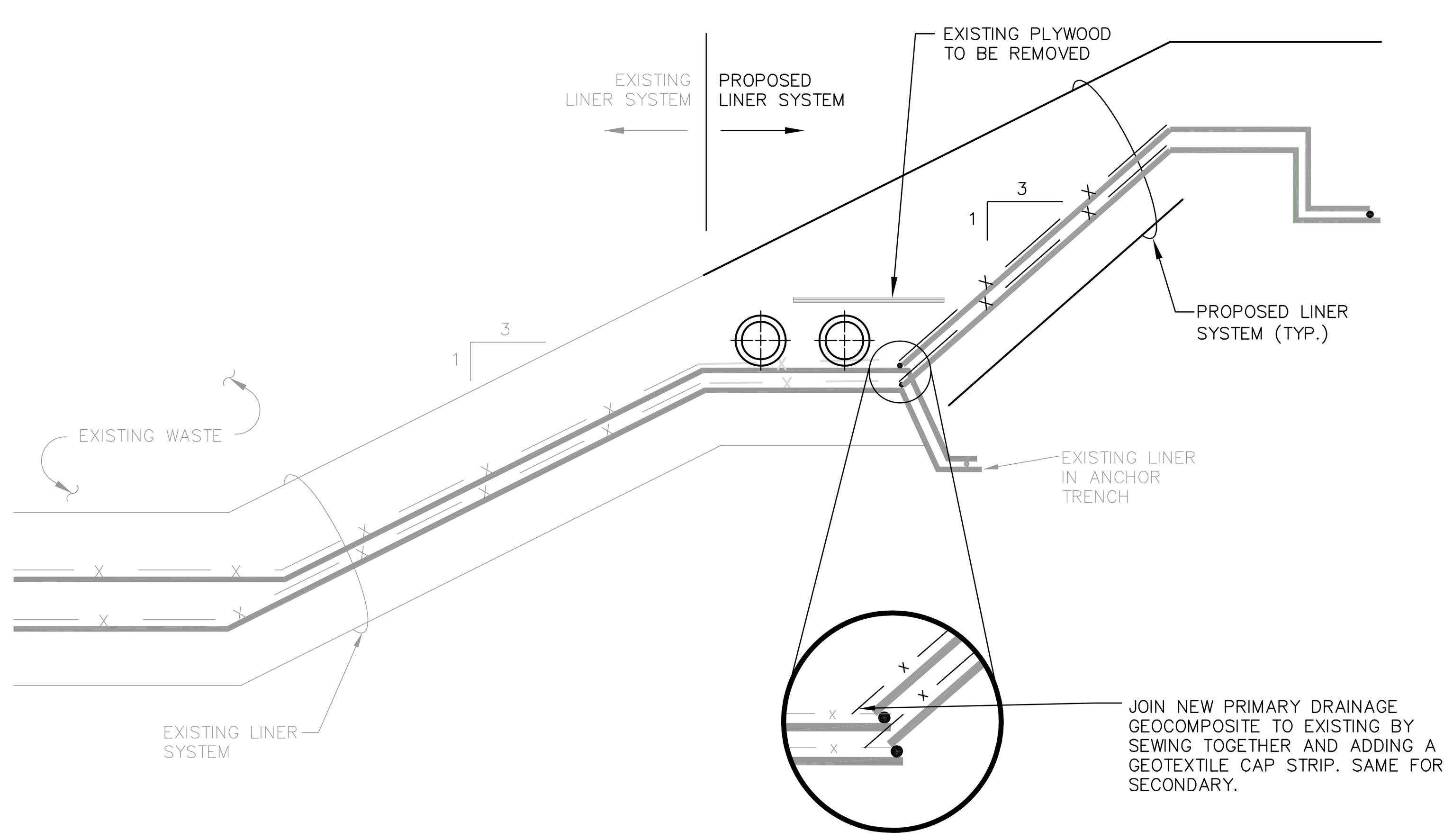
Liner Connection Within Existing Landfill Notes:

1. EXCAVATE MSW TO EXPOSE PRIMARY DRAINAGE SAND.
2. REMOVE SAND TO EXPOSE PRIMARY LINER.
3. TRIM PRIMARY LINER AND PLACE SANDBAGS UNDERNEATH TO CONTAIN LEACHATE ON PRIMARY LINER. PUMP AS NECCESSARY TO LEACHATE. REFER TO DETAILS AND NOTES ON SHEET C-5.
4. REMOVE SECONDARY SELECT SAND TO EXPOSE SECONDARY LINER.
5. TRIM SECONDARY LINER AND PLACE SAND BAGS UNDERNEATH TO CONTAIN SECONDARY LEACHATE ON LINER. PUMP AS NECCESSARY TO EVACUATE LEACHATE.
6. GRADE SUBGRADE AS REQUIRED AND INSTALL 12" OF SCREENED TILL TO PROPOSED SECONDARY LINER.
7. INSTALL NEW SECONDARY LINER AS REQUIRED AND WELD NEW SECONDARY LINER TO EXISTING SECONDARY LINER.
8. INSTALL SECONDARY DRAINAGE GEOCOMPOSITE AND TIE EXISTING DRAINAGE NET TO NEW DRAINAGE GEOCOMPOSITE. SEW TO EXISTING GEOTEXTILE FABRIC, AND COVER JOINT WITH A GEOTEXTILE CAP STRIP.
9. INSTALL SELECT SECONDARY DRAINAGE SAND TO GRADE.
10. INSTALL NEW PRIMARY LINER AS REQUIRED AND WELD NEW PRIMARY LINER TO EXISTING PRIMARY LINER.
11. INSTALL PRIMARY DRAINAGE GEOCOMPOSITE AND TIE EXISTING DRAINAGE NET TO NEW DRAINAGE GEOCOMPOSITE. SEW TO EXISTING GEOTEXTILE FABRIC, AND COVER JOINT WITH A GEOTEXTILE CAP STRIP.
12. INSTALL 18" OF 1-1/2" CRUSHED STONE OR 4"ø WASHED BANK RUN STONE TO GRADE.
13. STAGE I PHASE IV CONTAINS DRAINAGE GEOCOMPOSITE IN LIEU OF GEOTEXTILE FABRIC AND DRAINAGE NET.

Typical Liner Connection Within Stage I Footprint

Not to Scale

30



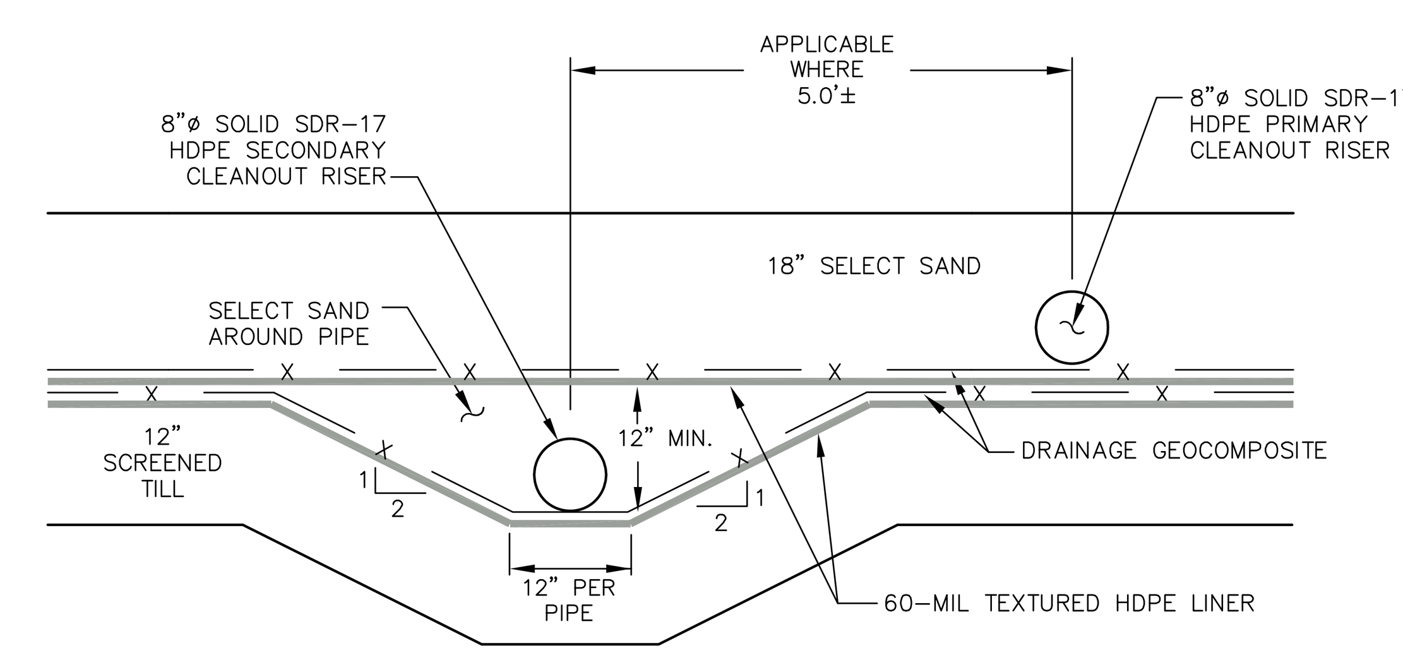
Liner Connection At Existing Anchor Trench Notes:

1. CAREFULLY EXCAVATE AND REMOVE PLYWOOD TO EXPOSE LIMIT OF EXISTING LINER SYSTEM IN ANCHOR TRENCH.
2. TRIM EXISTING DRAINAGE GEOCOMPOSITE OR GEONET AND GEOTEXTILE FABRIC, PRIMARY LINER AND SECONDARY DRAINAGE GEOCOMPOSITE OR GEONET AND GEOTEXTILE FABRIC AND EXPOSE SECONDARY LINER.
3. WELD PROPOSED SECONDARY LINER TO EXISTING SECONDARY LINER.
4. INSTALL SECONDARY DRAINAGE GEOCOMPOSITE AND SEW TO EXISTING SECONDARY DRAINAGE GEOCOMPOSITE.
5. INSTALL PRIMARY LINER AND WELD TO EXISTING PRIMARY LINER.
6. INSTALL PRIMARY GEOCOMPOSITE AND 18" SELECT SAND AND CRUSHED STONE LAYERS.

Typical Liner Connection at Existing Anchor Trench

Not to Scale

31



NOTES:

1. SEE BOOT REQUIREMENTS FOR SECONDARY CLEANOUT AT ANCHOR TRENCH THIS SHEET.
2. CLEANOUTS SHALL EXTEND 24" ABOVE FINISHED GRADE AND PROVIDED WITH FERNCO CAP.

Trench Cleanout Riser Section

Not to Scale

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no.	revision	date	by

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project:
Stage IV Phase II
Type IB Permit Application

title:
Leachate Collection &
Cleanout Details

THE STATE OF NEW HAMPSHIRE ROBERT J. GRILLO No. 7966 LICENSED PROFESSIONAL ENGINEER

designed by: JSM/RJG	date: February 2009
drawn by: APV/MAM/DAA	project no: 656.05
approved by: RJG/WAS	sheet no: C-13